

OIPE

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TECH CENTER 1600/2900

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/987,137

DATE: 01/16/2002

TIME: 11:09:04

Input Set : N:\Crf3\RULE60\09987137.raw

Output Set: N:\CRF3\01162002\I987137.raw

ENTERED

1 <110> APPLICANT: Verheijden, Gijsbertus Franciscus Maria  
2 Boots, Anna Maria Helena  
3 <120> TITLE OF INVENTION: Novel Peptides for use in Treatment of T-cell Mediated  
4 Cartilage Desctruction in Auto-immune Diseases  
5 <130> FILE REFERENCE: Verheijdenseq  
6 <140> CURRENT APPLICATION NUMBER: 09/987,137  
7 <141> CURRENT FILING DATE: 2001-11-13  
8 <150> PRIOR APPLICATION NUMBER: 08/981,340  
9 <151> PRIOR FILING DATE: 1997-12-18  
10 <160> NUMBER OF SEQ ID NOS: 12  
11 <170> SOFTWARE: PatentIn Ver. 2.0  
13 <210> SEQ ID NO: 1  
14 <211> LENGTH: 13  
15 <212> TYPE: PRT  
16 <213> ORGANISM: Homo sapiens  
17 <220> FEATURE:  
18 <221> NAME/KEY: PEPTIDE  
19 <222> LOCATION: (1)..(13)  
20 <223> OTHER INFORMATION: Xaa on pos 5 = A or S; Xaa on pos 7 = Q, R, or G;  
21 Xaa on pos 8 = T or S; Xaa on pos 9 = V or L; Xaa  
22 on pos 10 = R or Q  
23 <400> SEQUENCE: 1  
W--> 24 Ala Gly Trp Leu Xaa Asp Xaa Xaa Xaa Tyr Pro Ile  
25 1 5 10  
27 <210> SEQ ID NO: 2  
28 <211> LENGTH: 13  
29 <212> TYPE: PRT  
30 <213> ORGANISM: Homo sapiens  
31 <220> FEATURE:  
32 <221> NAME/KEY: PEPTIDE  
33 <222> LOCATION: (1)..(13)  
34 <223> OTHER INFORMATION: Xaa on pos 5 = A or S; Xaa on pos 7 = Q, R, or G;  
35 Xaa on pos 8 = T or S; Xaa on pos 10 = R or Q  
36 <400> SEQUENCE: 2  
W--> 37 Ala Gly Trp Leu Xaa Asp Xaa Xaa Leu Xaa Tyr Pro Ile  
38 1 5 10  
40 <210> SEQ ID NO: 3  
41 <211> LENGTH: 13  
42 <212> TYPE: PRT  
43 <213> ORGANISM: Homo sapiens  
44 <400> SEQUENCE: 3  
45 Ala Gly Trp Leu Ala Asp Gln Thr Val Arg Tyr Pro Ile  
46 1 5 10  
48 <210> SEQ ID NO: 4  
49 <211> LENGTH: 13  
50 <212> TYPE: PRT  
51 <213> ORGANISM: Homo sapiens

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52 <400> SEQUENCE: 4
53     Ala Gly Trp Leu Ala Asp Arg Ser Val Arg Tyr Pro Ile
54         1             5             10
56 <210> SEQ ID NO: 5
57 <211> LENGTH: 13
58 <212> TYPE: PRT
59 <213> ORGANISM: Homo sapiens
60 <400> SEQUENCE: 5
61     Ala Gly Trp Leu Ala Asp Gly Ser Leu Arg Tyr Pro Ile
62         1             5             10
64 <210> SEQ ID NO: 6
65 <211> LENGTH: 13
66 <212> TYPE: PRT
67 <213> ORGANISM: Homo sapiens
68 <400> SEQUENCE: 6
69     Ala Gly Trp Leu Ser Asp Gly Ser Val Gln Tyr Pro Ile
70         1             5             10
72 <210> SEQ ID NO: 7
73 <211> LENGTH: 13
74 <212> TYPE: PRT
75 <213> ORGANISM: Homo sapiens
76 <400> SEQUENCE: 7
77     Pro Lys Phe Val Lys Gln Asn Thr Leu Lys Leu Ala Thr
78         1             5             10
80 <210> SEQ ID NO: 8
81 <211> LENGTH: 24
82 <212> TYPE: PRT
83 <213> ORGANISM: Homo sapiens
84 <220> FEATURE:
85 <221> NAME/KEY: PEPTIDE
86 <222> LOCATION: (22)
87 <223> OTHER INFORMATION: Xaa on pos 22 is any amino acid
88 <400> SEQUENCE: 8
89     Ser Ser Ala Gly Trp Leu Ala Asp Arg Ser Val Arg Tyr Pro Ile Ser
90         1             5             10             15
W--> 91     Lys Ala Arg Pro Asn Xaa Gly Gly
92         20
94 <210> SEQ ID NO: 9
95 <211> LENGTH: 20
96 <212> TYPE: PRT
97 <213> ORGANISM: Homo sapiens
98 <400> SEQUENCE: 9
99     Asn Ala Gly Trp Leu Ser Asp Gly Ser Val Gln Tyr Pro Ile Thr Lys
100         1             5             10             15
101     Pro Arg Glu Pro
102         20
104 <210> SEQ ID NO: 10
105 <211> LENGTH: 20
106 <212> TYPE: PRT

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107 <213> ORGANISM: Homo sapiens
108 <400> SEQUENCE: 10
109     Asp Ala Gly Trp Leu Ala Asp Gly Ser Val Arg Tyr Pro Ile Ser Arg
110         1             5             10             15
111     Pro Arg Lys Arg
112             20
114 <210> SEQ ID NO: 11
115 <211> LENGTH: 24
116 <212> TYPE: PRT
117 <213> ORGANISM: Homo sapiens
118 <400> SEQUENCE: 11
119     Gly Gly Leu Asp Trp Cys Asn Ala Gly Trp Leu Ser Asp Gly Ser Val
120         1             5             10             15
121     Gln Tyr Pro Ile Thr Lys Pro Arg
122             20
124 <210> SEQ ID NO: 12
125 <211> LENGTH: 36
126 <212> TYPE: PRT
127 <213> ORGANISM: Homo sapiens
128 <400> SEQUENCE: 12
129     Glu Gln Leu Phe Ala Ala Tyr Glu Asp Gly Phe Glu Gln Cys Asp Ala
130         1             5             10             15
131     Gly Trp Leu Ala Asp Gln Thr Val Arg Tyr Pro Ile Arg Ala Pro Arg
132             20             25             30
133     Val Gly Cys Tyr
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/987,137

DATE: 01/16/2002

TIME: 11:09:05

Input Set : N:\Crf3\RULE60\09987137.raw

Output Set: N:\CRF3\01162002\I987137.raw

L:24 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:37 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8